

SEQUENCE LISTING

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<120> Rice promoters

<130> CD-071-PCT

<150> EP 03075331.3

<151> 2003-02-04

<160> 88

<170> PatentIn version 3.1

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 <223> PRO0009 - putative cellulose synthase

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<223> PRO0061 - beta-expansin EXPB9

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<223> PRO0081 - putative caffeoyl-CoA 3-O-methyltransferase

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 <223> PRO0091 - prolamine RP5

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<213> *Oryza sativa*

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actttggacc ggataatctt acctttatctt aactttgggc tatctaactc tcttctaaag	660
catataaacg atcttgagta catcgattcc tacttatcat ttaactctcg tagcttaatg	720
taagattatt tctttgaaat atgataaatt ggatgcatat gaatgaaaga gtcaaggatt	780
aagtgattcc tcaaaaaaaaa aaaagagtga aatttattta tttttcccct ttcgacacga	840
agaagggcctt ggttggagga aaatggccca gattcagatg accgaggccg agtaccatgg	900
ggcccacaag aataataagc cccgagccca aacgctaagg cccacgagaa gccgtgcgct	960
ggaagaaaga aagaaaccgc ggccgtcttc acaccgaagc ggcggacgag acgactcgca	1020
gtcgcagcct ctttctctct ccgtctctct ctcccctctt cctctcctcc gcgcggcgaa	1080
cgaagcgagc gagcggcggc	1100

<210> 12
 <211> 1216
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> PRO0117 - putative 40S ribosomal protein

<400> 12	
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gaaatgtcat gtctatgctc cgatcttata aatttggtca atagcgttgc aaacgcgatc	120
attaaaaagg cggtaagaga actaccacat tttcgaaagc ccattctctt cgtgagttac	180
tggattatt tggcatagca catgcataaa gatgcttttag taatgagctc aataaaacac	240
gacagctttg catgtagcca caatgctata gtaaagtagt tgtacttctt ttgcattgca	300
aagtgggtact gaccttggtt aggcagctag cttcattcat tttttgaatt ctatagttat	360
agttataaag attatcataa tttagataag aatccggtat gtttgagaag ctggagtttc	420
tagagaagct ataacaactc gaagctccct aaacagagcc attgaacatt gagctgtcca	480
gtatatcatg acaaaatgat acattttgca tgggcatatg tgtctaagaa aacaaacatc	540
acaattcaat gagtcactct aaaaaaaaaag gcaaaacact caacaaaacc ataccgtgaa	600
agtgaaccta taatgaaatg aaattttgat aagcatgctt acccaggtgg aaatttcaat	660
ctaagaacaa tttccaaaac caccgtccat agaaatatgt ggaattcatt cagaattttc	720
ataccacacg ataaaattta tagggaattt aacttttgcc attttttaccg aacaccacct	780

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gttttgttca ctgtacgttg cttcggcgtg ggcccaatct tgttcgggcc taactagttc	1020
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acccttcact atataaacct ctctctctc ctccggccgc cgcctccgaa gccctagctc	1140
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gccgccgccg ccgcca	1216

<210> 13
 <211> 1210
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> PRO0122 - chlorophyll a/b-binding protein presursor (Cab27)

<400> 13	
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aaatgttgcc tgcaatactc gggctctgggt atcttctctt caaatttttg gttgtaactc	180
gtctatgcag ctattcatat tgtaactcag tgagctccct gtcgcaaatag tgcctctgcg	240
tcagtcgctg tctgtaaact gtccggcaat tagaaattcc catccttagc atgcctggta	300
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cttacgtcaa ggtttctact aattacgtga ttccgatttc agagtcagcc atggctatac	660
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cccggcatcc ggataacgct ggataagagg cgacgcctcc cattggccac acccacccaa	1020
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tcgccaccgt ggccacctgg cagcgccggc cactcccgga cagttaata caagccacgc	1140
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ctctaagccg	1210

<210> 14
 <211> 1179
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> PRO0123 - putative protochlorophyllide reductase

<400> 14	
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cattaccact ttacctgaca ttttgacag agattagaaa tagtttcgta ctacctgcaa	180
gttgcaactt gaaaagtga atttgttcct tgctaataata ttggcgtgta attcttttat	240
gcgttagcgt aaaaagttga aatttgggtc aagtactgg tcagattaac cagtaactgg	300
ttaaagttga aagatggctt tttagtaatg gagggagtac tacactatcc tcagctgatt	360
taaatcttat tccgtcggtg gtgatttcgt caatctccca acttagtttt tcaatatatt	420
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ctacttttgt actgtatttg tcaatgaaaa gaaaatctta ccaatgctgc gatgctgaca	540
ccaagaagag gcgatgaaaa gtgcaacgga tatcgtgccg cgtcggttgc caagtcagca	600
cagacccaat gggcctttcc tacgtgtctc ggccacagcc agtcgtttac cgcacgttca	660
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cacccatcag tggccacac ctcccatgct gcattatttg cgactcccat cccgtcctcc	780
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tcgtagcgga aaatccgagg cacgagctgc gattggctgg gaggcgtcca gcgtggtggg	1020
gggccacccc ccttatcctt agcccgtggc gtcctcgct cctcgggtcc gtgtataaat	1080
accctccgga actcactctt gctggtcacc aacacgaagc aaaaggacac cagaaacata	1140
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<210> 15
 <211> 1808
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> PRO0133 - chitinase Cht-3

<400> 15	
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agtaaactctt tcttgctcat gatgcttcag ccggacggaa ccctaaaata tagatggggc	180
ggatacactc gattaaaaca gctaattgca acacatatca tataaggttt tggaattcat	240
accaaagtct ccgaaattcg tctatttcga tgaggcccaa gacatgacct cctgtttcgc	300
ccatagttta tgggtgttgg taaaatttgg ttaaaatctg tctatttttag taggtcccga	360
aattcttatg caattgaatc ctagaaccct atcatattta tattgcaatt gcacaaaaat	420
aatgtgcaat caatatattc caattgcaat acatatcaag catgagggtgt aatacatatc	480
cagccgctag cactgggtct gttgagggtgc ttcttgagc aacagctgca atctgttttg	540
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tggaaactta	ctttttctaa	ataactgaac	ggattggagg	caggagacaa	atttgaccaa	1560
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gtacttgta	atcgtggaaa	ctttggtaat	gcgaatgcat	ttcaattcgt	tgctgaagat	1680
cgatgcacca	tgcatatcca	tctctatata	aagccatgcg	atcccaccga	ttcttgcaca	1740
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cattgccg						1808

<210> 16
 <211> 1828
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> PRO0151 WSI18

<400> 16	
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ctggtttata	tgtaaagtaa
gattctttaa	ttatgtgaga
	120
tccggcttaa	tgcttttctt
ttgtcacata	tactgcattg
caacaattgc	catatattca
	180
cttctgccat	cccattatat
agcaactcaa	gaatggattg
atatatcccc	tattactaat
	240
ctagacatgt	taaggctgag
ttgggcagtc	catcttccca
accaccacc	ttcgtttttc
	300
gcgcacatac	ttttcaaact
actaaatggg	gtgtttttta
aaaatatttt	caatacaaaa
	360
gttgctttaa	aaaattatat
tgatccattt	ttttaaaaaa
aatagcta	acttaattaa
	420
tcacgtgtta	aaagaccgct
ccgttttgcg	tgaggaggag
atagggtcac	atcctgcatt
	480
accgaacaca	gcctaaatct
tgttgtctag	attcgtagta
ctggatatat	taaatcatgt
	540
tctaagttac	tatatactga
gatgaataga	ataagtaaaa
ttagaccac	cttaagtctt
	600

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catgtaccag taccatgaat cgaatccaga caagtttttt atgcataattt attctactat	960
aatatatcac atctgctcta aatatcttat atttcgaggt ggagactgtc gctatgtttt	1020
tctgcccgtt gctaagcaca cgccaccccc gatgcgggga cgcctctggc cttcttgcca	1080
cgataattga atggaacttc cacattcaga ttcgataggt gaccgtcgac tccaagtgtc	1140
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ggatagcctc aagctgctcg tcacaaggca agaggcaaga ggcaagagca tccgtattaa	1740
ccagcctttt gagacttgag agtgtgtgtg actcgatcca gcgtagtttc agttcgtgtg	1800
ttggtgagtg attccagcca agtttgcg	1828

<210> 17
 <211> 1267
 <212> DNA
 <213> Oryza sativa

 <220>
 <221> misc_feature
 <223> PRO0169 - aquaporine

<400> 17	
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tttactaaat gagataatcc aacaaatggc atttaaagcg ttcaaatcca agaaatgcc	180
tcgccgttat gcttccgtcc gtttcacgcc gttaaaatac aatgttcac ctataacact	240
taatggtgtg gaatggacgg aaccctaacg gcgatggcat ttttgggata aagtcgtttg	300
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tcaatggtat tttttggatt atctcttagt aaatacataa ggaatcatgc caaaacttga	420
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atttgataa ggctatgaat aaactcaaaa aagcatccaa cctaaccacc aactggccc	1080
accagggccc acgctccact cccgtgatca tcacctcctt ccctttccag aaccaccttc	1140
tccttccttc ctctcttct tcttcagtgt actctgcctt tataacaccc tactcctctc	1200
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ggcgaca	1267

<210> 18
 <211> 1130
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> PRO0170 - High mobility group protein

<400> 18	
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caggattaga aaaacgggac gacaaatagt aatggaaaaa caaaaaaaaa caaggaaaca	180
catggcaata taaatggaga aatcacaga ggaacagaat ccgggcaata cgctgcgaaa	240
gtactcgtac gtaaaaaaaaa gaggcgcatt catgtgtgga cagcgtgcag cagaagcagg	300
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<210> 19

<211> 1230

<212> DNA

<213> Oryza sativa

<220>

<221> misc_feature

<223> PRO0171 - reversibly glycosylated protein RGP1

<400> 19

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tcataaaata gtaatcatgt tctccataac agtaaatgac gaggcgttaa tagtggttta	180
ggttctcatg attgtaaatg ttgagtcgct tgtagcggct taagatatag tagagagtat	240
atctagtttt atcaagacaa acattgcgta atgcctcgga cctaataataa aagtaggaat	300
tttaaccttt gagaaactgt aaccaattga aactgcaagc tttaaaaaaa catctattgg	360

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aaatgttttg gctttgggtca aaatcaaact tcttcaagtt taatcaagtt tatagaaaaa	480
atagtaatat ccaagataaa tttattataa aaatatattht aattattatt ttaataaaaac	540
taattttggtat atgtaaatat tactatattht gtctataaac ttagtcaaatht ttaaaacagtt	600
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<210> 20
 <211> 1234
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> PRO0173 - cytosolic MDH

<400> 20	
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attgtggcta acaaattgtt ggccacattt tggctacgtt cgataggaca tgttcccaac	180
ttctccttct cgthttttcgc gcgtacgctt tttcaaactg ttaaacggtg tgtthttttgc	240
aaaatathttt tttacgaaag ttgcttaaaa aattatatta atctathttt thtaaaaaaa	300
gtagctaaaa cttaattaatht ctcacgctag acgctgcttc gthtttacgtg tcgggtaccc	360
aaccctcact cccgaacaca gcctthtgtgt ggtthtactac agttatagta aagctagtct	420

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cagatcccat cgccgatctg tgggccagcg cccacggtgt cacgcccgcg cacacctggc	960
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ctccccgtcg ccgcgaggtt aaataacggc caccggtttc cccctctctc gcaaaactca	1140
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<210> 21
 <211> 1553
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> PRO0175 RAB21

<400> 21	
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taacctatca ttcccacaat ctaatccact tatttctctt cccatgatct tctcctctca	180
tttctcctca ctacttttgc atttgtagga aacacaatga caccgtcgaa gaaagctggt	240
ggagcaccgt agccagcaat caccaaaaca cagaggggag gaggtcggca gcggccatgc	300
ggacggcgat gagacaacgc gacgcaaaga gggaggagga cgttggcgat catgctggtg	360
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ggaggatgcc ggcgaccacg ctagtaccat gaagcaagat gatgtgaaag ggaggaccgg	480
acgaggggtg gacctctgcc gccgacgtga agagcgtgat gtgtagaagg agatgttaga	540

ccagatgccg acgcaactta gccctgcaag tcacccgact gcataatcgct gcttgccctc	600
gtcctcatgt acacaatcag cttgcttata tctccatact tgtcgtttgt ttcccgtggc	660
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<210> 22
 <211> 1087
 <212> DNA
 <213> *Oryza sativa*

 <220>
 <221> misc_feature
 <223> PRO0177 - Cdc2-1

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agtttattac ttttcacatg atagcataaa atttaaagaa aaaataaaca gaagtggaat	180
aagcgaaaaa ccccgcttac ccgccccatt tacatcccta cttggatcct gcatgtcagt	240
aagatatcag aattatatgt tttagaatta tatgtttttt tggaaggtgg aaatcggatt	300

attagacgca acataccaag tggcgtatac ttggcttcac tctttccatc agagcaagcg	360
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ccaaaaatgc atttttggct gggcgaaaat tgcacttacc cccttgctgc cctctacaaa	600
ggttgcaagg gacctcagt caaaatacgc acaccttgcc gtcctccact tggacggcat	660
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gcgcacatgc ggaaaagcgt acacacgatt cgaaatttga aatctcaaaa agcgcccgtt	900
agagcgcgtc ccctccaacg gctatcccca atacaaaaga tcactcgaat cccccccaaa	960
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gcgggcg	1087

<210> 23
 <211> 1272
 <212> DNA
 <213> Oryza sativa

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 <223> TC89946 (PRO0110)

<220>
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 <222> (17)..(17)
 <223> n = any nucleotide

<220>
 <221> misc_feature
 <222> (50)..(50)
 <223> n = any nucleotide

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cggtgattag ttggctttga cgactcttga tttgatttgc ttgctgctct gtttatttgc	660
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cctaccgcca aagattccaa taatgtgaat cagtcggtaa tagaactc ctcttgtacg	1140
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<210> 24
 <211> 2425
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> TC90358 (PRO0005)

<220>
 <221> misc_feature
 <222> (1558)..(1558)
 <223> n = any nucleotide

<400> 24

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tcgatcgcaa aaaagaaaaa aaaaacaatt tccttttggg gtggttcac tgttgatcac	180
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<210> 25
 <211> 3410
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC83635 (PRO0009)

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<210> 26
 <211> 602
 <212> DNA
 <213> *Oryza sativa*

<220>
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 <223> TC83117 (PRO0058)

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tt	602

<210> 27
 <211> 1170
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC89913 (PRO0061)

<220>
 <221> misc_feature
 <222> (15)..(16)
 <223> n = any nucleotide

<220>
 <221> misc_feature
 <222> (1162)..(1162)
 <223> n = any nucleotide

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cggcgggtcg tgcggcccg ccaagggtgcc acccggcccg aacatcacga ccaactacaa	180
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<210> 28
 <211> 861
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> TC89985

<400> 28	
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gatggctata tgacgcgcgc gcgttatatc ttcatatgtg cagttagctt gcactgtgtc	600
tagctagcgt tctattatga gtagtgtctc ttctatctct tttctttaca tgcatttgga	660
ggaggattat tctatctgtt tgttggttgg ttgtgtttgt ttgttttaat taggtccctt	720

cttatatttt gtgttttaat taagttcgtg atcatgtagt agtactacca ctgtttcgag	780
ctcgaggcat gaataatgct aaatgtgac attattgtgt tattgtatgg tgatggctat	840
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<210> 29
 <211> 1252
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC89891 (PRO0081)

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n = any nucleotide

<400> 29	
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aacggaggaa gatctcatcg ccatgacgac cggcaatggc gacgcaccgg tgatcaagaa	120
cgccacagc gacatcgaca gcaccaaaa gacgctgctc aagagcgacg cctgtacaa	180
gtatgtcctg gacacgacgg tgctgccacg ggagccggag tgcattgcgc atctgcgcct	240
catcacggac aagcaccagt ggggggttcac gcagtcgtcg gcggatgagg cgcagtgtcg	300
gggatgctgc tgaagatggc cggagcgaag aggacaatcg aggtgggtgt cttaccggc	360
tactcgtgc tggcgacggc gctggcgctg ccggaggacg ggaagggtgt ggcgatcgac	420
ccggacaggg agagctacga gatcggggcg ccgttcttgg agaaggccgg ggtggcgac	480
aaggtggact tccgcgaggg gaaggggctg gagaagctgg acgagctgct cgccgaggag	540
gcggcgggcg ggcgcgaggg ggcgttcgac ttgcggttcg tggacgcgga caagcccaac	600
tacgtcaagt accacgagca gctgctgcag ctggtgcgcg tcggcgggca catcgtgtac	660
gacaacacgc tgtggggccg cacggtggcg ctgccgccg acacgccgct gtcggacctg	720
gaccggaggt tctccgtcgc catcagggac ctcaactcca ggctcgccgc cgaccgcgc	780
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ggtcgagacc gagaccttac cggccgatcc atccatcgct ctgcgctgat taattaacgt	900
gtgttgctgt actcttctac tgctacaact atactattac ttccttaatt gccgcttaaa	960
ttttcctata cgtgtttcaa tcaatgagat tattatattc ttcgagcatg agagagacgg	1020

agttgtaggg acatttgatg atgggttgta ctgtactaca tggtgataag tgcaacatct	1080
ctttccatgg ttgctactct actcaccgtg tcatgttggt tgcggatttt gatctcatct	1140
gcaagatgga ctactggggc ccaaaatgga acagactggt ccctcgatcc tgcaggagct	1200
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<210> 30
 <211> 671
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC89670 (PRO0091)

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> n = any nucleotide

<220>
 <221> misc_feature
 <222> (14)..(14)
 <223> n = any nucleotide

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tttgatgctc ttagtcaaag ttatagacaa tatcaactac aatcgcatct cctgctacag	180
caacaagtgc tcagcccatg cagtgaagtc gtaaggcaac agcatagcat agtggcaacc	240
cccttctggc aaccagctac gtttcaattg ataaacaacc aagtcatgca gcaacagtgt	300
tgccaacagc tcaggctggt agcgcaacaa tctcactacc aggccattag tagcgttcag	360
gcgattgtgc agcaactaca gctgcagcag gtcggtgttg tctactttga tcagactcaa	420
gctcaagctc aagctttgct ggccttaaac ttgccatcca tatgtggtat ctatcctaac	480
tactacattg ctccgaggag cattcccacc gttggtggtg tctggtactg aattgtaata	540
gtataatggt tcaaagtta aaaataaagt catgcatcat catgcgtgac agttgaaact	600
tgatgtcata taaatctaaa taaaatcacc tatttaata gcattcatgt atgagttcca	660
ttatcatagc t	671

<210> 31
<211> 436
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC89883 (PRO0095)

<400> 31
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gggcggcgat ctccatctcc atctgaggcg aggagagcag gggaggtgag gggatcctgg 180
tgaggtttgt gattactgga caatagaaat atttacacaa tatggctggc ggctctgctg 240
atgcagtgac caaggagatg gaggcgctac tcgttggaca aaatccaaat gcggttagtg 300
gagaaacatg cgagacctca tcaaaagaag gcaaagttgc agatagcaat ggatctcatt 360
cttcaccacc agaagatgat gatgatgaag cgcaagggga tggatccatct caagattgga 420
ggatccagaa gctttc 436

<210> 32
<211> 860
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC90434 (PRO0111)

<220>
<221> misc_feature
<222> (1)..(1)
<223> n = any nucleotide

<220>
<221> misc_feature
<222> (10)..(10)
<223> n = any nucleotide

<400> 32
nagggctaan attaccggag tatttttgca aaggagtaa tcaaagttcc aatacgaaat 60
cgcggtcgta gtagtacaat acaaagacga gttcacggag cgcgtaaact aataaggaaa 120
aattaaacgt cgcgagagaaa taatagccga actggatgaa gatgagcagc actgcctctt 180

gcctagccta gcccatcatg gcgaggccga cggccccgac cagcaggccc atcaccgaac	240
gggcctcgtc gccgctggcc ccgccggtgc tgcccgtcga cttcgtcgtc gtcgtcgtcg	300
gcgtcgtggt cgcgtccggc gtcgacgagg gcgtgtccat gccgggggtcc gatgacggcg	360
tggcgggctg cgcggtggac ggccggggacg acgacgccgt cgggggtgggg gtggtgcccg	420
ccgccgcgga gaccgtgacg gcgagcttca tgccgccgga gcagtggccg ctggtgccgc	480
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gtgcatcatg ctgtactgga acacgagcga gtcaccaacg ctgaaggttt tgctcttcgc	660
ccaggatatcg tagtcacgc cactgtcca gccggatgtg tcgccgacgg ttagtccac	720
ggcgaaagcc ggcgcaacgg cggcgaggag tagcaccacc agacctgcag ctgcaagtcc	780
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<210> 33
 <211> 1167
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC83072 (PRO0116)

<400> 33	
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tcttcggcgc ctccggcatg gggcagccgc cgtcggactc gccgctgctc gactcctccg	180
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tgccgatgga ggtgatgggg ctgatgctgg gggagttcgt cgacgactac acggtcaggg	300
tggtcgacgt cttcgccatg ccgcagagcg ggaccggggg cagcgtcgag gccgtcgacc	360
atgtcttcca gaccaacatg ctcgacatgc tcaagcagac cgggaggcca gaaatggtgg	420
taggttggtg ccattcccat cctggatttg gttgctggct ttcaggagtt gacatcaata	480
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tgcttgggtca ggagccacga cagacaacat caaatgttgg gcacctaaat aagccatcta	660
ttcaggctct tattcatggg ctgaacaggc actactattc aattgcaatc aattaccgga	720
aaaatgagct tgaggaaaag atgttactga acttgcacaa aaagaaatgg accgatggat	780
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aattagcgat agcaaatgtg ggacggcaag atgctaagaa gcacttggaa gagcatgtct	960
ccaatttgat gtcatcaaac atagttcaga cgctaggaac catgctcgat acagttgtat	1020
tttagatcac tactgctgtt atcccaacac tgtaccaga gctcgtttat tttttat	1080
tttatgttta tcgaagccta ccataattca gtgaacttaa cgccagttac atttgggtta	1140
tgaaagctta ccacttgaca acttcat	1167

<210> 34
 <211> 871
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> TC90038 (PRO0117)

<400> 34	
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tgcgctctgt gaacaccaac gtcgatggga agcagaagat catgttcgcg ctcacctcca	180
tcaaggggtgt cggccgcagg ttctccaaca tcgcctgcaa gaaggccgac atcgacatga	240
acaagagggc cggtgagctt acgccggagg agctggagcg gctgatgacc gtggtggcga	300
accgcggca gttcaagggtg ccgactggt tcctcaacag gaagaaggac tacaaggacg	360
ggaggttctc ccaggttgtc tccaacgcgc tcgacatgaa gctcagggat gatcttgaga	420
ggctcaagaa gatcaggaac caccgtggtc tgaggcacta ctggggcctc cgtgtgcgtg	480
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taagagtaat ttacttttct tgaaactatt gcagtattga ctcttggtt attgcttttc	720
tccactttct tctaccact taaaactatt gcagtatcga ctcttggtt attgctattc	780

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gtacccatgg cagctttgat gcattgggat t	871

<210> 35
 <211> 1245
 <212> .DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC82936 (PR00122)

<400> 35	
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ggcgtcgtc aagtctacct tcctagggca atcctccacc cgctcgcgc gcgcaccgac	180
tacgaggcgt aatgttcggg cggaggccaa gggagagtgg ctccccggcc tcccttctcc	240
cacctacctc aacggcagct tgccaggcga taacgggttc gacccgttgg gtctggcggg	300
ggacccggag aacctgcggt ggttcgtgca ggcggagtgg tgaacgggcg gtgggcgatg	360
ctgggggtgg ccgggatgct gctgcctgag gtgctgacga agatcgggtt gatcgacgcg	420
ccgcagtggc acgacgccg caaggccacc tacttcgcgt cgtcgtcgac gctgttcgtc	480
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ggctgcgtca accaggaccc catcttcaag agctacagcc tcccgccgca cgagtgcggc	600
taccccgcca gcgtcttcaa cccctcaac ttcgagccca ccctcgaggc caaggagaag	660
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ggggaggaga gagagagaga tggatgtgat gagattcaga cttactgtgt gtgttgttgt	1020
aattgtttcc tgcattgat gatctggat catgggtgag ggggtgagtt gattggtgaa	1080
tttctgatgt acagtactac agggggataa actatctcat ggtagcagca gtgttctagc	1140
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cttcatttgc gcattgattc agtattgcgt atcgattcaa agacc

1245

<210> 36

<211> 1416

<212> DNA

<213> *Oryza sativa*

<220>

<221> misc_feature

<223> TC89839 (PRO0123)

<400> 36

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gagcagaagg ccaagaagcc gtcgctggtg gtgagggcgg tggcgacgcg gcggggccggt	240
ggcgagcccc ggcgcgggca cgtcgaaggc ggacgggaag aagacgctgc ggaggggggt	300
ggtggtgatc accggcgctg cgtcggggct cgggctcgcg gcggcgaagg cgcttggcgg	360
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tcgtttcaac tgtaatttc ttcgggggtt aggggggttc agctttcagt gagagaggcc	1320

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<210> 37
 <211> 1149
 <212> DNA
 <213> Oryza sativa

<220>
 <221> misc_feature
 <223> TC85888 (PRO0133)

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cagtgcggca gccaggccgg cggcgcgctc tgccccaact gcctctgctg cagccagtac	180
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gcgcgttccg ggctacggcg agatcaccaa catcatcaac ggcggtgtgg agtgcgggca	900
cggcgcggac gacaagggtg ccgaccggat cgggttctac aagcgctact gcgacatgct	960
gggcgtcagc tatggcgata acctggattg ctacaaccag aggccctacc cgccttccta	1020
gttgatattt gatccgagca gacgaataaa atacaatgca cacgagattg tgagactcga	1080
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aaaatatac	1149

<210> 38
<211> 981
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC84300 (PRO0151)

<400> 38
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tccagcgtag tttcagttcg tgtgttggtg agtgattcca gccaaagtttg cgatggcttc 120
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cgccaccggc cgcgccatgg acaagggccg cggcgcccg ggcgccacga gggacaaggc 420
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cggcgccggg cagaccgga gctacattgg acagaccgcc gagggcgcca agcagaaagc 540
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cgtgctccag caggcaggg agcaggtgaa gagcgtggcg gtgggggcga aggacgcggt 660
gatgtacacg ctcggtatgt caggcgataa caagaacaac gccgctgccg gcaaggacac 720
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tcgtcttttg cactgatgcc aaagtgtacg tgttgtatcc tcttttttaa gtttcagctc 840
gacttcgacg tggtcggtgt cacactttgg tttttcagtt gtgctcaact gttcatgttt 900
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aataaagttg gttaagacct g 981

<210> 39
<211> 1203
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC89687 (PRO0169)

<400> 39
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actcgagag gcagccgata gggacggcgg cgcagggcgc gggggacgac aaggactaca 180
aggagccgcc gccgggccgc tgttcgagcc aggggagctc aagtcgtggt ctttctaccg 240
ggccgggatc gccgagttcg tcgccacctt cctcttctc tacatcacca tcctcaccgt 300
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gtccttcgga ggcatgatct tcgcgctcgt ctactgcacc gccggcatct ccggaggaca 420
catcaacca gcagttactt ttgggctggt cttggccagg aagctgtccc tgacccgggc 480
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cgcatctgtc gattccctct atctctagtc cccaagatgt ttttctatc tgaaccctga 1080
acaactcaat cgtgtaatcc agtactcagt cactgtatgt ttttatgtga tggagatctt 1140
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gcc 1203

<210> 40
<211> 964
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC89846 (PRO0170)

<400> 40
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gtccctgtct cccctctcct tctctctctc ctttccctc ctctcttccc ccctctcaca	120
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agggcgccgc caagcccgac gccaaagtgg ctgtgaagag taaggcgcg gagaagcccg	240
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ccgctttctt cgtttttatg gaggagtcc gtaaggagt caaggagaag aacccaaga	360
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tagaattatt cagtttcaact tcacatcgtg atgttttact ttttctctcg tcctataacg	780
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accgtcaatg atccgcttgt acctagatta ctctttccat tgtcatcggc taacattgtg	900
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ttgc	964

<210> 41
 <211> 1542
 <212> DNA
 <213> Oryza sativa

 <220>
 <221> misc_feature
 <223> TC82935 (PRO0171)

<400> 41	
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agacaataat aattttatca tgtaattttg atagtcgtgc tttggttgct aaatggtgtt	1440
attgtattta ataacctttg caaatcacta tacctgttgg ttgttctgag aattgtatgc	1500
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<210> 42
 <211> 1432
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> TC82977 (PRO0173)

<220>
 <221> misc_feature
 <222> (1429)..(1429)
 <223> n = any nucleotide

<400> 42

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ggaactcgtt gctgatgatg agtgggttaa tacggaattc atctctaccg tccagcagcg	780
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caactaaaac taagcaatac ccagagggac agatagttag cgattgcccg ctcccgtgtt	1140
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<210> 43
 <211> 659
 <212> DNA
 <213> *Oryza sativa*

<220>
 <221> misc_feature
 <223> TC83646 (PRO0175)

<400> 43
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gagtacggca acccggtcgg caccggcgcc ggacacggcc agatggggcac cgccggcatg 180
gggacgcacg gcaccgccgg caccggcggc ggccagtcc agccgatgag ggaggagcac 240
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accggaaccg gcggcgcccta cgggcagcag ggccacggca ccgggatgac caccggcacc 480
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atcaaggaga agctgcccgg ccagcactga gtcgacaca ccaccacacc atgtgtctgc 600
gccccggcg accgccgcca cgtcaccttc ctgaataata agatgagcta accgagcgc 659

<210> 44
<211> 1310
<212> DNA
<213> Oryza sativa

<220>
<221> misc_feature
<223> TC90619 (PRO0177)

<400> 44
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cagagatcct tcttgatca aggcagtatt ctacaccagt tgatatgtgg tcagttgggt	780
gtatctttgc agaaatgggtg aaccagaaac cactgttccc tggtgattct gagattgatg	840
aattatttaa gatattcagg gtactaggaa ctccaaatga acaaagttgg ccaggagtta	900
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tgggtacaatg accctgctat ggctttacat tggattggca tatgtatggg ctgggctcct	1140
catttcattc cttctgtgaa cgctgtgccc ttcgtttggg catttttgtc attcagctgg	1200
atatttcaaa tcttgtgtgt ttgatatgta ttcaggaacg ctaaatagat caccgtcttg	1260
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<210> 45
 <211> 55
 <212> DNA
 <213> Artificial sequence

<220>
 <223> prm3780

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<210> 46
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<220>
 <223> prm2768

<400> 46	
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<210> 47
 <211> 54
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<220>
 <223> prm2420

<400> 47
ggggacaagt ttgtacaaaa aagcaggcta tgccatcgag tgggtg gccg atac 54

<210> 48
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<212> DNA
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<220>
<223> prm2853

<400> 48
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<210> 49
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<212> DNA
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<220>
<223> prm2426

<400> 49
ggggacaagt ttgtacaaaa aagcaggcta aaaccaccga gggacctgat ctg 53

<210> 50
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<400> 50
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<210> 51
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<400> 51
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 <400> 52
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 <210> 53
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 <210> 54
 <211> 57
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 <220>
 <223> prm3031

 <400> 54
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 <210> 55
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 <220>
 <223> prm3051

 <400> 55
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 <210> 56
 <211> 58
 <212> DNA
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 <220>
 <223> prm3592

 <400> 56
 ggggacaagt ttgtacaaaa aagcaggctc gtgttcatgt tcgcatttag gattggac 58

 <210> 57
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<212> DNA
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 <400> 57
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 <210> 58
 <211> 56
 <212> DNA
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 <210> 59
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 <400> 59
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 <223> prm3770

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<210> 62
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<220>
<223> prm3772

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<210> 63
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<220>
<223> pm3776

<400> 64
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<210> 65
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<400> 65
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<210> 66
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<210> 67
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<220>
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<400> 67
ggggaccact ttgtacaaga aagctgggtg atcacaagcg cagctaatca ctagc 55

<210> 68
<211> 57
<212> DNA
<213> Artificial sequence

<220>
<223> prm2769

<400> 68
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<210> 69
<211> 55
<212> DNA
<213> Artificial sequence

<220>
<223> prm2421

<400> 69
ggggaccact ttgtacaaga aagctgggtg gtgaggtgcc ggggaagcga cgttg 55

<210> 70
<211> 54
<212> DNA
<213> Artificial sequence

<220>
<223> prm2854

<400> 70
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<210> 71
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<213> Artificial sequence

<220>
 <223> prn2427

 <400> 71
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 <210> 72
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 <220>
 <223> prn2856

 <400> 72
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 <210> 73
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 <220>
 <223> prn3026

 <400> 73
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 <210> 74
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 <212> DNA
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 <220>
 <223> prn3030

 <400> 74
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 <210> 75
 <211> 62
 <212> DNA
 <213> Artificial sequence

 <220>
 <223> prn3062

 <400> 75
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<210> 76
<211> 54
<212> DNA
<213> Artificial sequence

<220>
<223> prm3032

<400> 76
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<210> 77
<211> 50
<212> DNA
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<220>
<223> prm3052

<400> 77
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<210> 78
<211> 60
<212> DNA
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<220>
<223> prm3049

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<210> 79
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<223> prm2845

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<220>
<223> prm2974

<400> 82
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<210> 83
<211> 54
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<220>
<223> prm3771

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<210> 84
<211> 52
<212> DNA
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<220>
<223> prm3773

<400> 84
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<210> 85
<211> 54
<212> DNA
<213> Artificial sequence

<220>

<223> prn3775

<400> 85

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54

<210> 86

<211> 52

<212> DNA

<213> Artificial sequence

<220>

<223> prn3777

<400> 86

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52

<210> 87

<211> 57

<212> DNA

<213> Artificial sequence

<220>

<223> prn3801

<400> 87

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57

<210> 88

<211> 52

<212> DNA

<213> Artificial sequence

<220>

<223> prn5136

<400> 88

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52